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single interactive diagram linked generated int

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Articles and patents



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System and method for the **visual** display of data in an **interactive** split pie chart

H Plattner, K Elliott, M Good, JM Wilson III - US Patent 6,320,586, 2001 - Google Patents

... 3 depicts a block a **diagram** of the present invention. ... the values to be used as inputs for the **visual** display system for the creation of the **interactive** split pie ... The following description will focus on preferred embodi- ment of the invention which is operative in a **single** com- puter ...

[Cited by 19](#) - [Related articles](#) - [All 2 versions](#)

Ambulatory patient health monitoring techniques utilizing **interactive visual** communication

D David, Z David - US Patent 5,544,649, 1996 - Google Patents

... 9.is a more detailed block **diagram** of the receiver of 20 FIG. ... condition of a patient by means of instru- 30 mentation maintained at the patient's living quarters **linked** through a ... The system is **interactive** since the patient and personnel at the central station may engage in two-way ...

[Cited by 162](#) - [Related articles](#) - [All 6 versions](#)

Method and apparatus for providing a portable **visual** display

RF Lewis, SF Martin, DA Cone, NA ... - US Patent 5,322,441, 1994 - Google Patents

... Environment Display System" by Fisher et al, ACM 1986 Workshop on **Interactive** 3D Graphics ... of different types of objects, such as buildings, architec- tures, wiring **diagrams**, frames of ... wjth a SQUnd ^ u Processor 13 could ^ a **single** BRIEF DESCRIPTION OF THE DRAWINGS ...

[Cited by 55](#) - [Related articles](#) - [All 2 versions](#)

Hands-free, user-supported portable computer

EG Newman, GS Christian, MD Jenkins - US Patent 5,305,244, 1994 - Google Patents

... nical manuals, are being replaced by electronic techni- cal manuals (ETM) and **interactive** electronic technical ... 11 is a block **diagram** of a display screen operat- ing according to shutter ... The voice output indicator 316, preferably a **single** LED, illuminates to **visually** confirm when ...

[Cited by 118](#) - [Related articles](#) - [All 2 versions](#)

... a three-dimensional video mosaic from which diverse virtual video scene images are synthe- including panoramic, scene **interactive** and stereoscopic images

S Moezzi, A Katkere, R Jain - US Patent 5,850,352, 1998 - Google Patents

... of a real-world scene which video images/virtual television are **linked** to any of a ... the traditional 15 computer vision, multimedia database and human interface, **single**-source, broadcast ... timedia systems", appearing in Proceedings of the Workshop Perspective **Interactive** Video, or ...

[Cited by 178](#) - [Related articles](#) - [All 2 versions](#)

Cooperative/**interactive** learning system for logic instruction

RM Kuczewski - US Patent 5,868,575, 1999 - Google Patents

... NOR Flip-Flop Instructional **Diagram** 14. ... devices could he used to demonstrate all kinds of physical and non-physical systems in an **interactive** classroom envi ... consists of numerous interconnected subcomponents each of which can be manually operated by a **single** student who ...

[Cited by 46](#) - [Related articles](#) - [All 2 versions](#)

System and method for interactively transforming a system or process into a **visual** representat

TR Carpenter-Smith, MJ Gombar, JB Fisher, ... - US Patent ..., 1998 - Google Patents

... The present invention is an **interactive**, real-time software tool, implemented by a ... at the seat class 624 in PREFERRED EMBODIMENTS the interaction **diagram window** 570, and ... simul- System

"modeling" refers to the representation of a taneously **generated** three-dimensional ...

[Cited by 54](#) - [Related articles](#) - [All 2 versions](#)

Apparatus and method for providing **interactive** audio communication

GP Hyatt - US Patent 4,016,540, 1977 - Google Patents

... 5, 1977 [54] APPARATUS AND METHOD FOR PROVIDING **INTERACTIVE** AUDIO COMMUNICATION [76] Inventor ... digital message information is accessed in response to operator **generated** signals to provide audio messages, in contrast to the prior art **visual** messages using ...

[Cited by 51](#) - [Related articles](#) - [All 2 versions](#)

Telephone system integrated text based communication apparatus and systems to establish communication links to TDD and/or TTY devices and other telephone and ...

FW Hansen, DL Jennings - US Patent 6,002,749, 1999 - Google Patents

... if the called party desires, then the text server establishes an **interactive** communication **link** ... ACCESS™ Coordinates MWI 100 Text Server Text Menuing Message Storage Meridian™ **Link** 141 Fig ... Server Presents Next Caller in Queue to the Agent as a **Visual** Representation on ...

[Cited by 24](#) - [Related articles](#) - [All 2 versions](#)

Interactive programming and diagnostic system for use with implantable pacemaker

JD Causey III, HC Schloss, JD Snell - US Patent 4,809,697, 1989 - Google Patents

... 7, 1989 [54] **INTERACTIVE** PROGRAMMING AND DIAGNOSTIC SYSTEM FOR USE WITH EMPLANTABLE PACEMAKER ... 14 **Claims**, 12 Drawing Sheets (30 APS-I PROCESSING CIRCUITS 8 MEMORY ... **Patent** Sheet 1 of 12 4,809,697 (JO (40 APS-H PROCESSING CIRCUITS ...

[Cited by 225](#) - [Related articles](#) - [All 4 versions](#)

Method and apparatus for detecting actual viewing or electronic advertisements

MA Himmel, V Berstis - US Patent 6,279,036, 2001 - Google Patents

... using the functionality provided by a HyperText Transfer Protocol (HTTP), or other **interactive** protocol (eg ... a communications medium, thus peripheral devices, one bit at a time over a **single** line ... 7, a **diagram** is shown illustrating in greater detail the Advertisement Control Plu- gin ...

[Cited by 35](#) - [Related articles](#) - [All 4 versions](#)

Interactive video system having frame recall **dependent** upon user input and current displayed image

JA Ashbey - US Patent 5,636,036, 1997 - Google Patents

... Although outline imagery is the result, **Interactive** video systems are becoming increasingly see FIG. ... In this specification the system will be **generated** images are aesthetically unsatisfying line outlines ... can be put but is multiple video disc system as the **visual** image database. ...

[Cited by 25](#) - [Related articles](#) - [All 2 versions](#)

Interactive tool for knowledge-based support of planning under uncertainty

DW Glasspool, JP Fox - US Patent App. 09/760,392, 2001 - Google Patents

... The utility of such systems in planning tasks is limited, however, in that they typically provide support for a **single** decision rather than for a set of interrelated decisions as may be ... 1 is a schematic block **diagram** of the various components of an **interactive** planning tool ...

[All 4 versions](#)

Control **structure** for a document processing system

JL Cooper - US Patent 4,633,430, 1986 - Google Patents

... of 2J tines and, together with an associated document buffer smaller, **interactive** units, each ... and assigned to Wang Laboratories, Inc., P^orates means for referencing **visual**, descriptive and ... 1 is a block **diagram** representation of a system incorporating the present invention; FIG. ...

[Cited by 66](#) - [Related articles](#) - [All 2 versions](#)

Development system and methods for **visually** creating goal oriented electronic form application having decision trees

WM Turpin - US Patent 5,640,501, 1997 - Google Patents

... Smith, "**Visual** Programming in the Interface Construction Set", 1988, pp. ... 9 **Claims**, 25 Drawing Sheets ... 17, 1997 Sheet 3 of 25 300 APPLICATION PROGRAM FORM TOOL (FORM CREATION) **TREE** TOOL (FORM CREATION) **LINK** TOOL (FORM CREATION) **STACK** TOOL ...

[Cited by 44](#) - [Related articles](#) - [All 2 versions](#)

Industrial process control system

BR Slater, DW Simpson, CT Carroll - US Patent 4,413,314, 1983 - Google Patents

... 95.678 ^ _A _U _T _0 _j AUTO AUTO MANUAL AUTO V-TCASAD~E~" CASCADE CASCADE **SINGLE** CASCADE ALT ... u stm anQther object of ^ en{ invention to trial process in which **interactive** control by ... 17 is a flow **diagram** representing an instruction set for entering analog-type ...

[Cited by 159](#) - [Related articles](#) - [All 4 versions](#)

Television signal activated **interactive** smart card system

FR Nemirofsky - US Patent 5,767,896, 1998 - Google Patents

... telephone-like systems which must synchronize data for many video channels with the **single** data channel. ... pick-up device near and facing the television receiver as a new **interactive** method of ... 1 is a block **diagram** illustrating the communication links in the present invention; ...

[Cited by 53](#) - [Related articles](#) - [All 6 versions](#)

Computer-directed process control system with **interactive** display functions

NO Cromwell - US Patent 3,971,000, 1976 - Google Patents

... **Patent** [in 3,971,000 Cromwell [45] July 20, 1976 [54] COMPUTER-DIRECTED PROCESS CONTROL SYSTEM WITH **INTERACTIVE** DISPLAY FUNCTIONS ... 11 **Claims**, 23 Drawing Figures ... US **Patent** July 20, 1976 Sheet 1 of 17 3,971,000 7 INPUT OUTPUT BULK f>/fr/f AMD , X ...

[Cited by 51](#) - [Related articles](#) - [All 2 versions](#)

Analytical imaging system and process

RB Silver - US Patent 6,078,681, 2000 - Google Patents

... 2-3 are block **diagrams** that illustrate the compo- nents of FIG. ... Controller 100 causes a monochromatic source 50 to **generate** light with a **single** wavelength preferably a fiber ... for server 16, serves as the primary local unit for image processing, analysis, and **interactive** graphics. ...

[Cited by 54](#) - [Related articles](#) - [All 4 versions](#)

Component-based analog and mixed-signal simulation model development including newton st manager

HA Mantooth, DK Cooper, M Vlach - US Patent 6,236,956, 2001 - Google Patents

... The Model Editor (106) includes a Newton step manager as an **interactive**, graphical tool. ... 20 **Claims**, 20 Drawing Sheets 102 ! ... US **Patent** US 6,236,956 BI May 22, 2001 Sheet 8 of 20 (JTART MATRIX VIEWER 1204 SWITCH BASED ON USER COMMAND/MENU SELECTION ...

[Cited by 24](#) - [Related articles](#) - [All 2 versions](#)

Method and system for equalizing PMD using incremental delay switching

J Fee, N Robinson - US Patent 5,859,939, 1999 - Google Patents

... Serrano, Evolution of a Hybrid Fibre Coaxial Network for Multimedia **Interactive** Services, Oct. ... 6 is a block **diagram** of a PMD simulator in accor- dance with a preferred ... As described above, 55 since light signals transmitted through a **single** mode fiber experience polarization that ...

[Cited by 40](#) - [Related articles](#) - [All 4 versions](#)

Application of multi-media technology to nutrition education and diet planning

NJ Kuch - US Patent 5,454,721, 1995 - Google Patents

... Frequently it is impractical to calculate a **single** portion without emptying 25 the entire contents of the package. ... 2 is a block **diagram** of a self-contained **interactive** data handling

system which may be employed in the practice of this invention; FIG. ...

[Cited by 47](#) - [Related articles](#) - [All 2 versions](#)

Method, system & apparatus for **interactive** multimedia remote processor control, diagnostics & maintenance

M Kiesel, A Polz, P Wagner - US Patent App. 09/938,447, 2001 - Google Patents

... [0010] Another object of the present invention is to provide an **interactive** system and ... 6 is a schematic **diagram** of a service system with a UMTS-network with multiple service ... [0031] In the definition of UMTS, broadband a type of data transmission in which a **single** medium (wire ...

[All 2 versions](#)

Expert system and method employing hierarchical knowledge base, and **interactive** multimedia/hypermedia applications

A Hekmatpour - US Patent 5,806,056, 1998 - Google Patents

... Further, **interactive** multimedia/hypermedia systems and methods are presented, which might be expert system based. ... 1 **Claim**, 27 Drawing Sheets STRUCTURAL LEVEL ACTION LEVEL Page 2. ... Page 16. US Patent 5,806,056 Sep. ...

[Cited by 136](#) - [Related articles](#) - [All 4 versions](#)

Interactive television browsing and buying method

M Abrahams - US Patent App. 09/796,286, 2001 - Google Patents

... The apparatus can be used to select a **single** product, all currently displayed products ... 1, a block **diagram** for an exemplary **interactive** cable or satellite television (TV ... with the actors, games, advertisements, available merchandise, associated Web pages, **interactive** games and ...

[All 2 versions](#)

Interactive health care system and method

AJ Hinkle - US Patent 6,190,313, 2001 - Google Patents

... with an evaluation of such health status to allow the patient to take an **interactive** role in ... The sensors can be provided with memory and **linked** together with other sensors and instruments to provide ... For a patient site data processing unit which is dedicated to a **single** patient, a spread ...

[Cited by 16](#) - [Related articles](#) - [All 2 versions](#)

Method of saving a web page to a local hard drive to enable client-side browsing

ML Mantha, MM Modh, S Radhakrishnan, V ... - US Patent ..., 2000 - Google Patents

... A first **linked** list of the hypertext references in the base document is then **generated**. ... When the user desires to retrieve the copy, a **link** to the pointer is activated. ... 3 is a block **diagram** of the major components of the data processing system unit; FIG. ...

[Cited by 58](#) - [Related articles](#) - [All 2 versions](#)

Component-based analog and mixed-signal simulation model development

HA Mantooth, CM Wolff - US Patent 5,963,724, 1999 - Google Patents

... Sample point manager, newton step manager and matrix element stamp analysis are all new, **interactive**, graphical, intuitive tools. Finally, the user can perform a simulation on the model. 20 **Claims**, 23 Drawing Sheets 108 104 Page 2. ... 11 Page 12. US Patent Oct. ...

[Cited by 32](#) - [Related articles](#) - [All 2 versions](#)

Method and apparatus for controlling client access to documents

MA Himmel, V Berstis - US Patent 6,321,256, 2001 - Google Patents

... one another using the functionality provided by a HyperText Transfer Protocol (HTTP), or other **interactive** protocol (eg ... or between a computer and peripheral devices, one bit at a time over a **single** line. ... 4, a detailed block **diagram** is shown of the client/server architecture of FIG. ...

[Cited by 26](#) - [Related articles](#) - [All 3 versions](#)

Interactive voice recognition digital clock

TG Guyett, MH Reeves, SB Hobbs - US Patent 6,310,833, 2001 - Google Patents

... According to one embodiment of this **patent**, a **single** ended and push/pull transformer power ... 5,657,380 issued to Todd F. Mozer and entitled "**Interactive** Door Answering and Messaging Device 65 With ... having an interior unit and an exterior unit that communicate via an RF **link**. ...

[Cited by 6](#) - [Related articles](#) - [All 3 versions](#)

Image display processor for graphics workstation

J Gonzalez-Lopez - US Patent 4,862,154, 1989 - Google Patents

... However, because it has a **single** frame buffer its employs video line buffers for storage. ... 4,367,466 describes a display control having **interactive** color addressing which includes two 35 apparatus for a ... 12 is a block **diagram** of an image display pro- if "real" time response is to be ...

[Cited by 34](#) - [Related articles](#) - [All 2 versions](#)

Method and apparatus for gaming machines with a quasi-competition play bonus feature

MA McClintic - US Patent App. 10/027,888, 2001 - Google Patents

... of the present invention are **linked** over a network to enable **interactive** bonus game ... all simulated con- tests taking place concurrently on any of the **linked** gaming machines ... be encouraged to play at the gaming machines of the invention, thus increasing revenues **generated**. ...

[Cited by 16](#) - [Related articles](#) - [All 4 versions](#)

Interface unit for an electrophysiological monitoring system

T Ohlsson - US Patent App. 09/801,545, 2001 - Google Patents

... 4 is a schematic **diagram** illustrating an alternative electrophysiological measuring system in accordance with ... or all of the individual units may be provided in a **single** physical unit ... may be modified to additionally receive input wires from other patient **interactive** elements (ECG ...

[Cited by 3](#) - [Related articles](#) - [All 4 versions](#)

Interactive communication system for communicating video game and karaoke software

T Okamoto - US Patent App. 09/734,469, 2000 - Google Patents

... 0006] Wherefore, an object of this invention is to provide an **interactive** communication system ... user system, a decryption authorization key and associated access definition **generated** and stored ... 1 is a block **diagram** of a communication terminal device according to the present ...

[Cited by 27](#) - [Related articles](#) - [All 4 versions](#)

Thickness measuring system for nonconducting materials

S Mulkey, P Corriea, E Killian, G Lowry - US Patent 5,138,268, 1992 - Google Patents

... 15 FIGS ^ ^ and depict the informational flow Pr^obe- chart for the computer **interactive** mode of ... is to analyze 'sl,s *yKstem' of an output frequency pulse J , . J. ... **generated** by passing ... The second capacitance plate 16 is **linked** or electrically coupled to an oscillator (the oscillator ...

[Cited by 13](#) - [Related articles](#) - [All 2 versions](#)

Intelligent recognition

A McAllister, J Curry, F Meador - US Patent 5,666,400, 1997 - Google Patents

... the algorithms of multiple vendors within 15 fm ^ ^ ^ ^ oamms wd CTeati audit a **single** bus architecture ... 8 is a flow **diagram** illustrating interaction in the 3^o fields for a variety of ... Texas Instruments, Northern Telecom, Dialogic, Voice Pro- office of the network via CCIS **link** and STP ...

[Cited by 54](#) - [Related articles](#) - [All 2 versions](#)

Graphics data processor with window checking for determining whether a point is within a window

KW Gutttag, MD Asal, MF Novak - US Patent 5,077,678, 1991 - Google Patents

... Foley, James D. and Van Dam, Andrias, Fundamentals of **Interactive** Computer Graphics, 1982, pp. ... In a first embodiment a **single** data processing instruction enables the generation of a ... 6, 1985, entitled "**Linked** Cell Dis- charge Detector Having Improved Response Time" by ...

[Cited by 15](#) - [Related articles](#) - [All 2 versions](#)

Method for establishing a price of an entertainment event by group consensus

MK Eyer, MS Chang, A Krishnan, AM ... - US Patent App. 09/ ..., 2001 - Google Patents

... 2, a block **diagram** for an exemplary **interactive** cable or satellite television (TV) sys ... with the actors, games, advertisements, available merchandise, associated Web pages, **interactive** games and ...
The subscriber information database 19 is **linked** or related to the program listing ...

[All 2 versions](#)

Apparatus and method for producing a digitized transaction record including an encrypted signa

MA Kapp, RL Protheroe, A Omega - US Patent 5,195,133, 1993 - Google Patents

... Electrical signals from the **interactive** element 46 relating to movement of the stylus 26 on the ...
A point of sale system using the present invention is illustrated in block **diagram** form in ... tion code
are subjected to an exclusive OR operation (XOR) to obtain a **single** word encryption ...

[Cited by 63](#) - [Related articles](#) - [All 4 versions](#)

Mouse driver arrangement for providing advanced scrolling capabilities to a conventional mouse

FD Falcon - US Patent 5,633,657, 1997 - Google Patents

... initial time-out expires and an SRFG cycle begins (as explained later on herein, in relation to
the flow **diagram** 65 of ... 22 (for **single**-step scrolling ... **generated** by wj,en the scrolling mouse disclosed
in the referenced **patent** incremental scrolling commands generator 26 is **linked** to js ...

[Cited by 29](#) - [Related articles](#) - [All 2 versions](#)

Computer with integrated hierarchical representation (IHR) of program wherein IHR file is availa for debugging and optimizing during target execution

DA Van Dyke, TJ Cramer, JC Rasbold, TO ... - US Patent ..., 1992 - Google Patents

... The integrated hierarchical representation (IHR) is language **independent** and is shared by all
of the components of the software ... 18 **Claims**, 16 Drawing Sheets 221 FORTRAN '[FORTRAN
215 ^DISASSEMBLER COMPILATION ADVISOR .231 216^'. ... US **Patent** 5,175,856 Dec. ...

[Cited by 130](#) - [Related articles](#) - [All 2 versions](#)

Formatting text/graphics using plural **independent** formatting mechanisms

GM Bartlett, JP Hofmeister, EJ Pring - US Patent 4,539,653, 1985 - Google Patents

... receiving areas are selec- tively assignable to the logical pages of a document being formatted
for **visual** presentation and ... 62 **Claims**, 23 Drawing Figures 13- IO ... Many text composers 30 are
interactive, that is, an operator makes most or all of decisions with the machine carrying ...

[Cited by 59](#) - [Related articles](#) - [All 2 versions](#)

Computer human interface comprising user-adjustable **window** for displaying or printing inform

FC Kolnick - US Patent 5,062,060, 1991 - Google Patents

... 2 shows a block **diagram** illustrating a multiple network, distributed message-based data
processing system of the ... While a **single** node may comprise all of the above units, in the typical
user ... Data exchange occurs through a dual- ported buffer pool which contains a **linked** list of ...

[Cited by 111](#) - [Related articles](#) - [All 2 versions](#)

Automotive GPS control system

MD Kianke - US Patent 5,313,791, 2001 - Google Patents

... 1 is a schematic block **diagram** showing a GPS responsive system installed on board a car ... A
single cabinet is preferred, but the devices making up the present system can be scattered ... note
that the operation on multiple routes enables the vehicle to be an **interactive link** in the ...

[Cited by 42](#) - [Related articles](#) - [All 2 versions](#)

Adept data processor implementing function similation with inverse deviation variation weighting

LS Chandier - US Patent 6,181,976, 2001 - Google Patents

... 09, 1997.* Tzes et al., "adaptive Fuzzy Control For Flexible-**Link** Manipulators: a ... PROCESS
IMPLEMENTATION SYSTEM 213 OPTION MODIFIER 210 OPTION LIMITER 212 **INTERACTIVE**
DATA SIMULATION ... errors in variables which are included in more than a **single** term of ...

[Cited by 3](#) - [Related articles](#) - [All 2 versions](#)

Method and system in display device interface for managing surface memory

GE Engstrom, CG Eisler - US Patent 5,801,717, 1998 - Google Patents

... usually not favored because it is erals is critical to achieving a highly **interactive** and realistic ... a complex flipping registers 34 and control unit 36 or may be a **single** device in ... This **diagram** illustrates relation- include a communication device 25 and an auxiliary pro- smps between ...

[Cited by 27](#) - [Related articles](#) - [All 3 versions](#)

System for remote monitoring of personnel

SC Jacobsen, R Wyatt, SC Peterson, TJ ... - US Patent ..., 2001 - Google Patents

... 91 **Claims**, 11 Drawing Sheets ... For example, such monitors typically monitor a **single** vital sign, such as heart rate, or temperature. ... This can be accomplished either by the remote communications system of the soldier unit, or by a direct **link**-up between the soldier unit and the ...

[Cited by 123](#) - [Related articles](#) - [All 2 versions](#)

Time inheritance scene graph for representation of media content

MT French, JS Robotham - US Patent App. 09/875,276, 2001 - Google Patents

... **link** Operator 1 -EJ- Operator 2 input **link** input **link** Operator macro ... motion pictures, television programs and commercials, multimedia presenta- tions, **interactive** games, internet ... interpretation tech- niques and then proceeding to combine computer-**generated** abstract elements ...

[Related articles](#) - [All 6 versions](#)

Process for identifying simple and complex objects from fused images and map data

S Hsu - US Patent 5,631,970, 1997 - Google Patents

... advantageous to provide an expert system Geographical Information System (GIS), and includes "an (**interactive** or automated ... 3 is a block **diagram** depicting the image and map incapable of solving the above ... This need not be a **single** line; several oblique lines may contribute. ...

[Cited by 34](#) - [Related articles](#) - [All 2 versions](#)

Material consolidation modeling and control system

CJ Coe, EA Godfrey, BL Henniges, DW O'brien ... - US Patent ..., 1993 - Google Patents

... 7 **Claims**, 23 Drawing Sheets •32 HIP CHAMBER PRESSURE AND TEMPERATURE 28 2« PRESSURE AND TEMPERATURE SCH 22 PID ... US Patent 5,202,837 Apr. ... IS DENSITY LESS THAN .85 9 DETERMINE INTERSECTION POINT 1 1 P PRIME P **SINGLE** QUOTE (A =.9) F ...

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